



07-29-a

Express Mail No. EL954332632US
Client/Matter No. 80142-2010
Confirmation No. 5569

212
AUG 4 2002
14
BT
8/5/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Application of:

Mark Vange, et al.

Serial No. 09/835,876

Filed: April 16, 2001

For: SYSTEM AND METHOD FOR
IMPLEMENTING APPLICATION
FUNCTIONALITY WITHIN A
NETWORK INFRASTRUCTURE

Attorney Docket No. CIRC020

Group Art Unit: 2122

Examiner:

RECEIVED

JUL 31 2002

Technology Center 2100

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.56

Assistant Commissioner for Patents
Washington, D.C. 20231

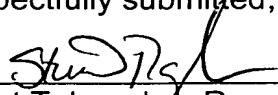
Sir:

Applicant hereby submits for filing under 37 CFR 1.97 a disclosure statement. In submitting these references, no representation is made or implied that the references are or are not material to the examination of this application. The patents, publications or other information of which Applicant is presently aware are listed in Form PTO/SB/08A submitted herewith and copies of all such patents and publications are attached hereto.

No fee is believed due for this submittal. However, any fee deficiency associated with this submittal may be charged to Deposit Account No. 50-1123.

Signed on 7/26/02

Respectfully submitted,


Stuart T. Langley, Reg. No. 33,940
HOGAN & HARTSON LLP
One Tabor Center
1200 17th Street, Suite 1500
Denver, Colorado 80202
(720) 406-5335 Tel
(720) 406-5301 Fax



Express Mail No. EL954332632US
Client/Matter No. 80142.2010
Confirmation No.: 5569

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mark Vange, et al.

Serial No. 09/835,876

Filed: April 16, 2001

For: SYSTEM AND METHOD FOR
IMPLEMENTING APPLICATION
FUNCTIONALITY WITHIN A
NETWORK INFRASTRUCTURE

Attorney Docket No. CIRC020

Group Art Unit: 2122

Examiner:

RECEIVED
JUL 31 2002
Technology Center 2100

CERTIFICATE OF MAILING BY EXPRESS MAIL

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned hereby certifies that the attached:

1. Information Disclosure Statement;
2. Form PTO/SB/08A, with references;
3. Certificate of Mailing; and
4. Return card

relating to the above application, were deposited as "Express Mail" Mailing Label No. EL954332632US, with the United States Postal Service, addressed to The Assistant Commissioner for Patents, Washington, D.C., 20231.

7/26/02
Date

Stuart T. Langley
Mailer

7/26/02
Date

Stuart T. Langley
Stuart T. Langley, Reg. No. 33,940
HOGAN & HARTSON LLP
One Tabor Center
1200 17th Street, Suite 1500
Denver, Colorado
(720) 406-5335 Tel
(720) 406-5301 Fax



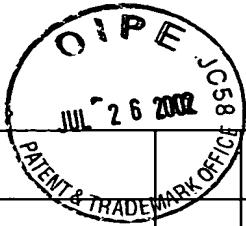
PTO/SB/48A (10/01) (Substitute for Form 1449A/PTO) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) Sheet <u>1</u> of <u>2</u>	ATTY. DOCKET NO. CIRC020	APPLICATION NO. 09/835,876
	Client/Matter No. 80142.2010	
	FIRST NAMED INVENTOR: Mark VANGE	
	FILING DATE April 16, 2001	ART UNIT 2122

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document No. No. – Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Doc	
		U.S. 6,006,264	12.21.1999	COLBY, et al.	RECEIVED
		U.S. 5,951,694	09.14.1999	CHOQUIER, et al.	JUL 8 1 2002
		U.S. 5,933,412	08.03.1999	CHOUDHURY, et al.	Technology Center 2100
		U.S. 5,757,771	05.26.1998	LI, et al.	
		U.S. 5,673,322	09.30.1997	PEPE, et al.	
		U.S. 5,258,983	11.02.1993	LANE, et al.	
		U.S. 5,999,971	12.07.1999	BUCKLAND	
		U.S. 6,023,456	02.08.2000	CHAPMAN, et al.	
		U.S. 6,034,964	03.07.2000	FUKUSHIMA, et al.	
		U.S. 6,167,449	12.26.2000	ARNOLD, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Doc cntry code – No. – Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	TRANSLATION
						YES NO
		EP 0384339 A2	08.29.1990	DIGITAL EQUIPMENT CORP.		
		EP 0794491 A2	09.10.1997	IBM		
		EP 0942363 A2	09.15.1999	IBM		
		WO 97/29424	08.14.1997	CITRIX SYSTEMS		
		WO 97/30392	08.21.1997	HOUSER, et al.		
		WO 98/28938	07.02.1998	NORTHERN TELECOM LTD.		
		WO 99/09689	02.25.1999	MOTOROLA, INC.		
		WO 98/26553	06.18.1998	SUN MICROSYSTEMS, INC.		
		WO 99/57637	11.11.1999	BRITISH TELECOMMUNICATIONS		
		EP 0828214 A2	03.11.1998	LUCENT TECHNOLOGIES, INC.		



	WO 99/18534	04.15.1999	WEB BALANCE, INC.			
	GB 2309558	07.30.1997	IBM			
	WO 99/57620	11.11.1999	SONERA OY			

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) published, city and/or country where published
		K. SRIRAM, "Methodologies for bandwidth allocation, transmission scheduling, and congestion avoidance in broadband ATM networks", Computer Networks and ISDN Systems, 26 (1993) pp. 43-59.
		V. P. KUMAR, et al., "Beyond Best Effort: Router Architectures for the Differentiated Services of Tomorrow's Internet", May 1998, IEEE Communications Magazine, pp. 152-164.
		R. M. ADLER, "Distributed Coordination Models for Client/Server Computing", April 1995, IEEE Computer, pp. 14-22.
		G.-C. LAI, et al., "Support QoS in IP over ATM", Computer Communications, 22 (1999) pp. 411-418.

EXAMINER SIGNATURE

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED
JUL 31 2002
Technology Center 2100